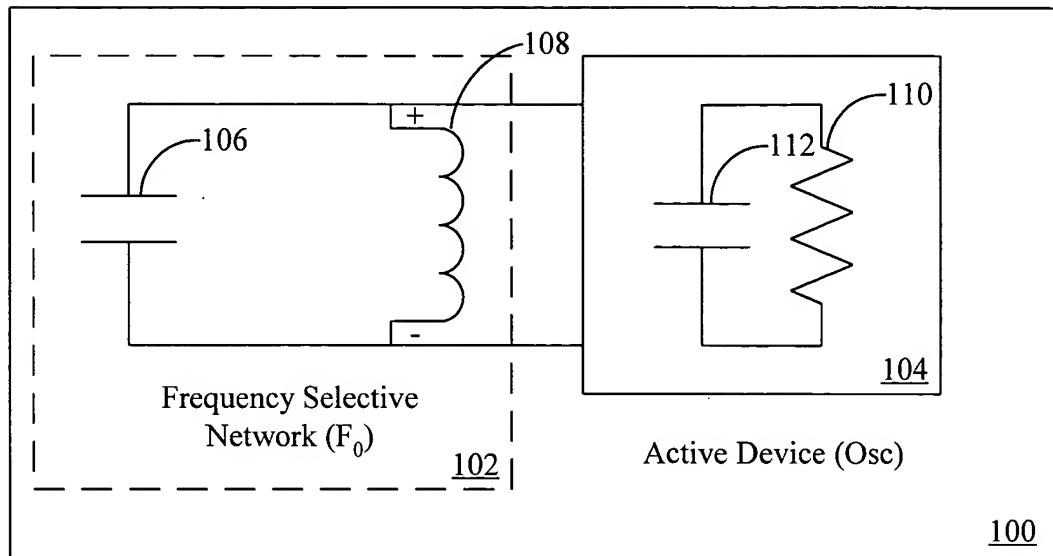
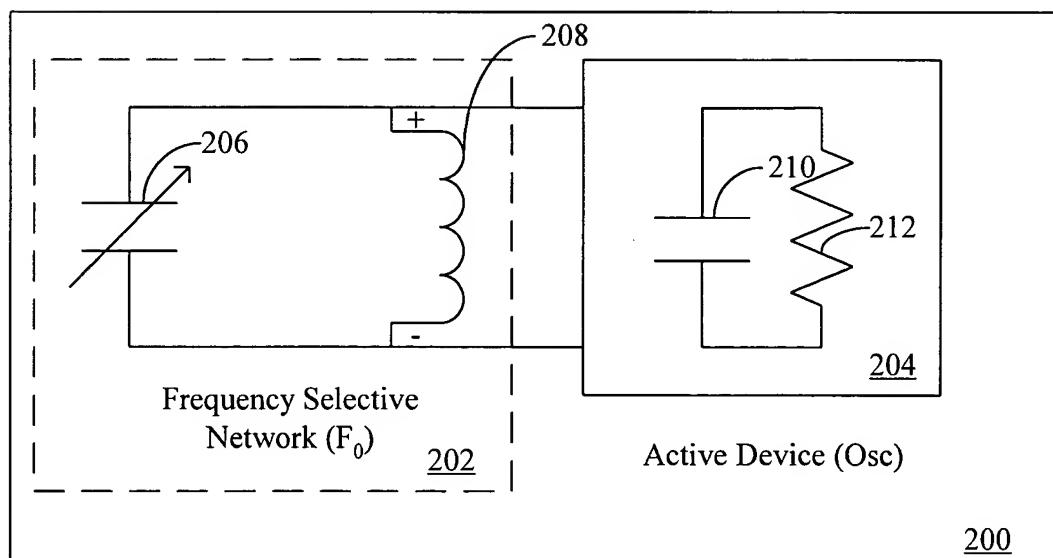


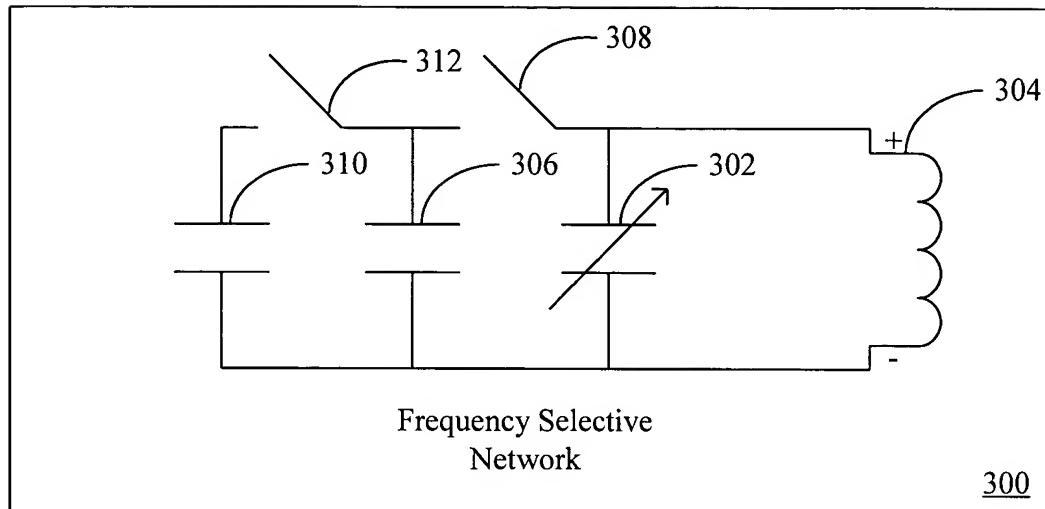
OPTIMUM RF VCO STRUCTURE  
Kaltenecker, CX03007USU 03CXT0005D, Sheet 1 of 8, Express Mail ER447520906US



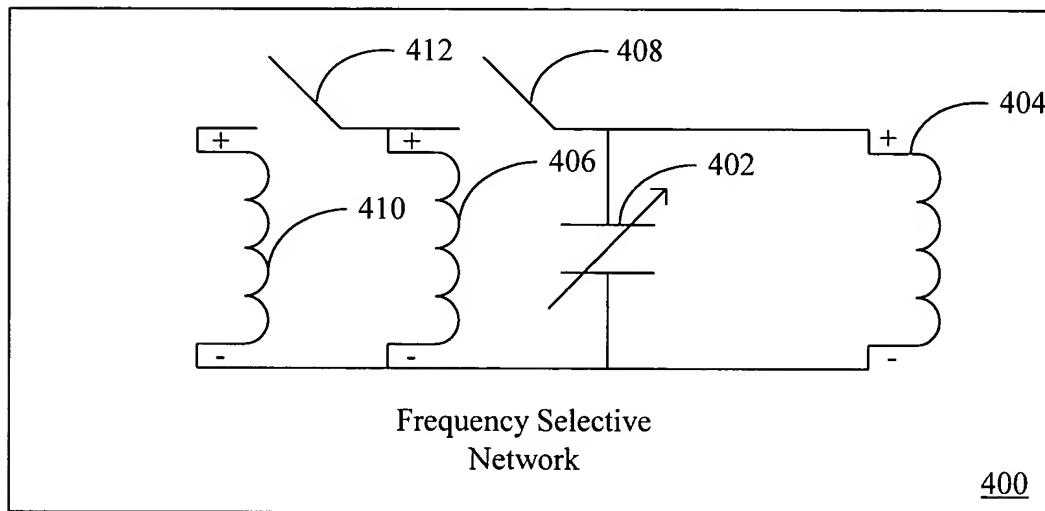
PRIOR ART  
FIG. 1



PRIOR ART  
FIG. 2



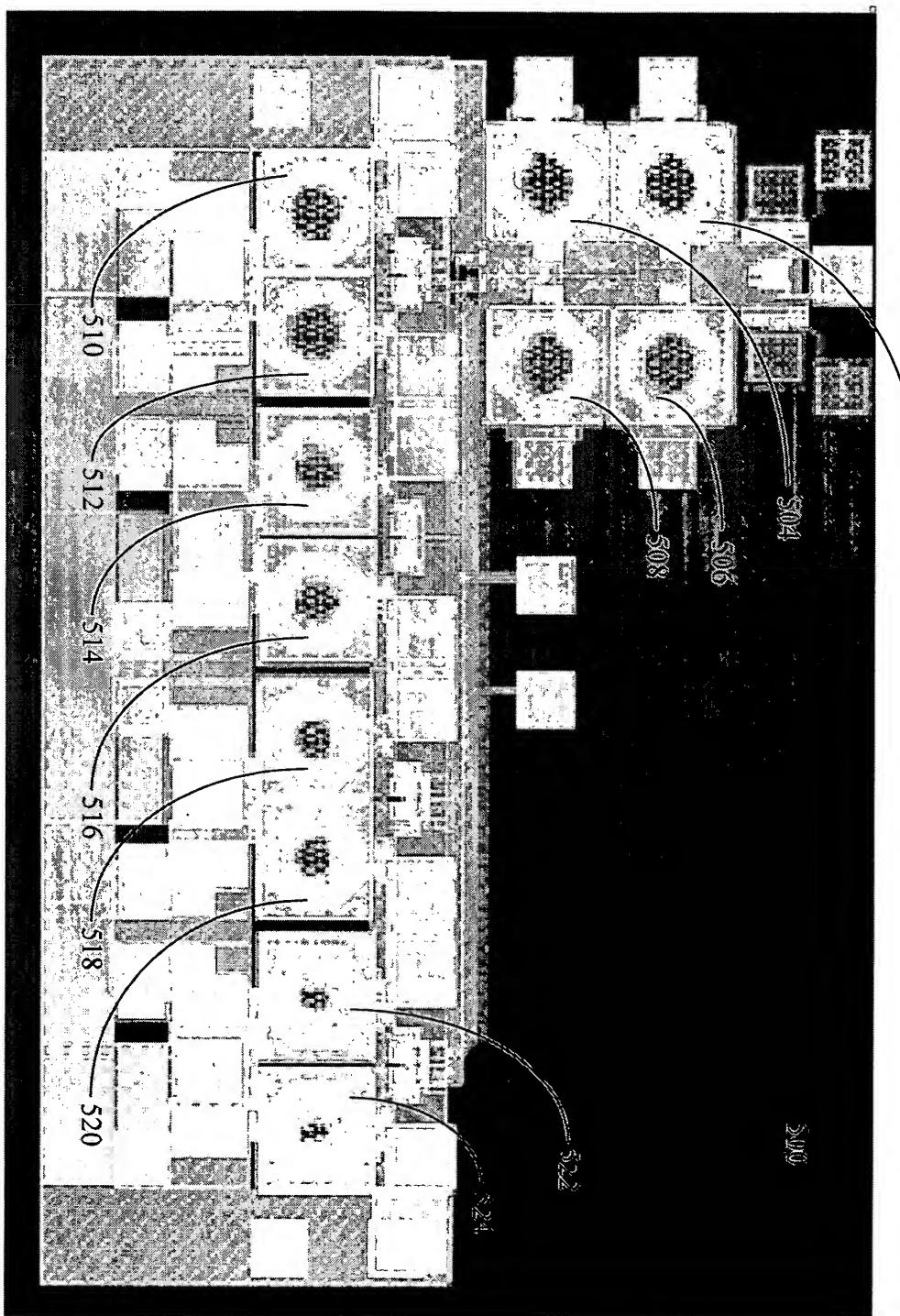
PRIOR ART  
FIG. 3



PRIOR ART  
FIG. 4

OPTIMUM RF VCO STRUCTURE

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PRIOR ART  
FIG. 5

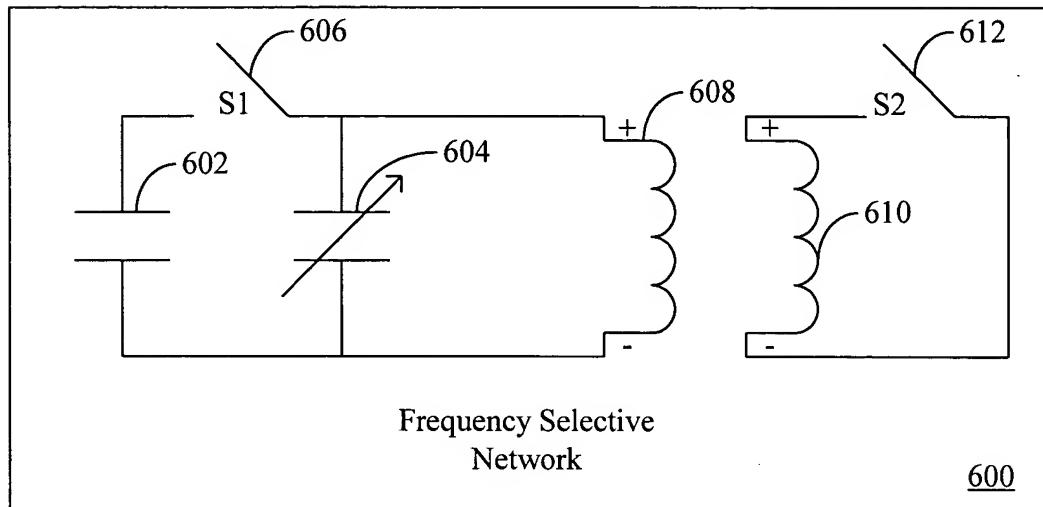


FIG. 6

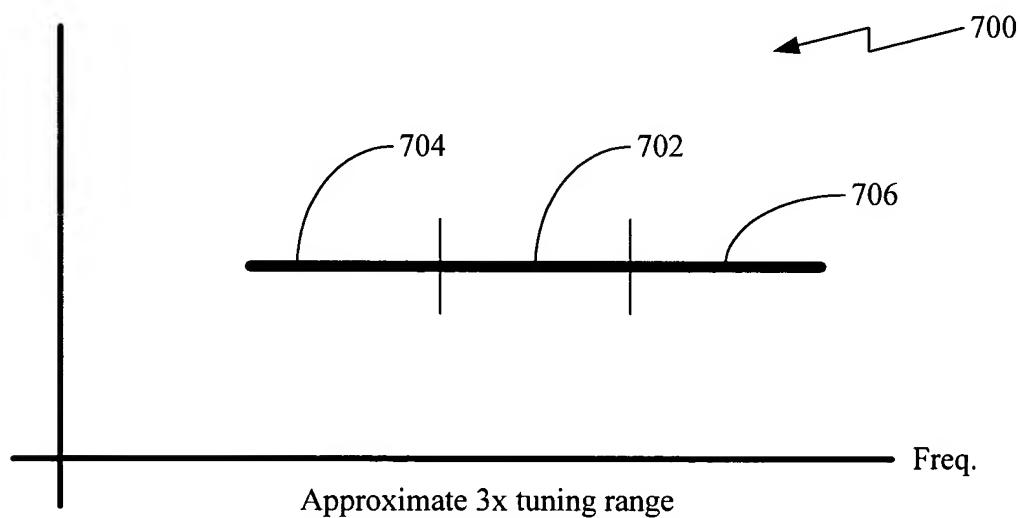


FIG. 7

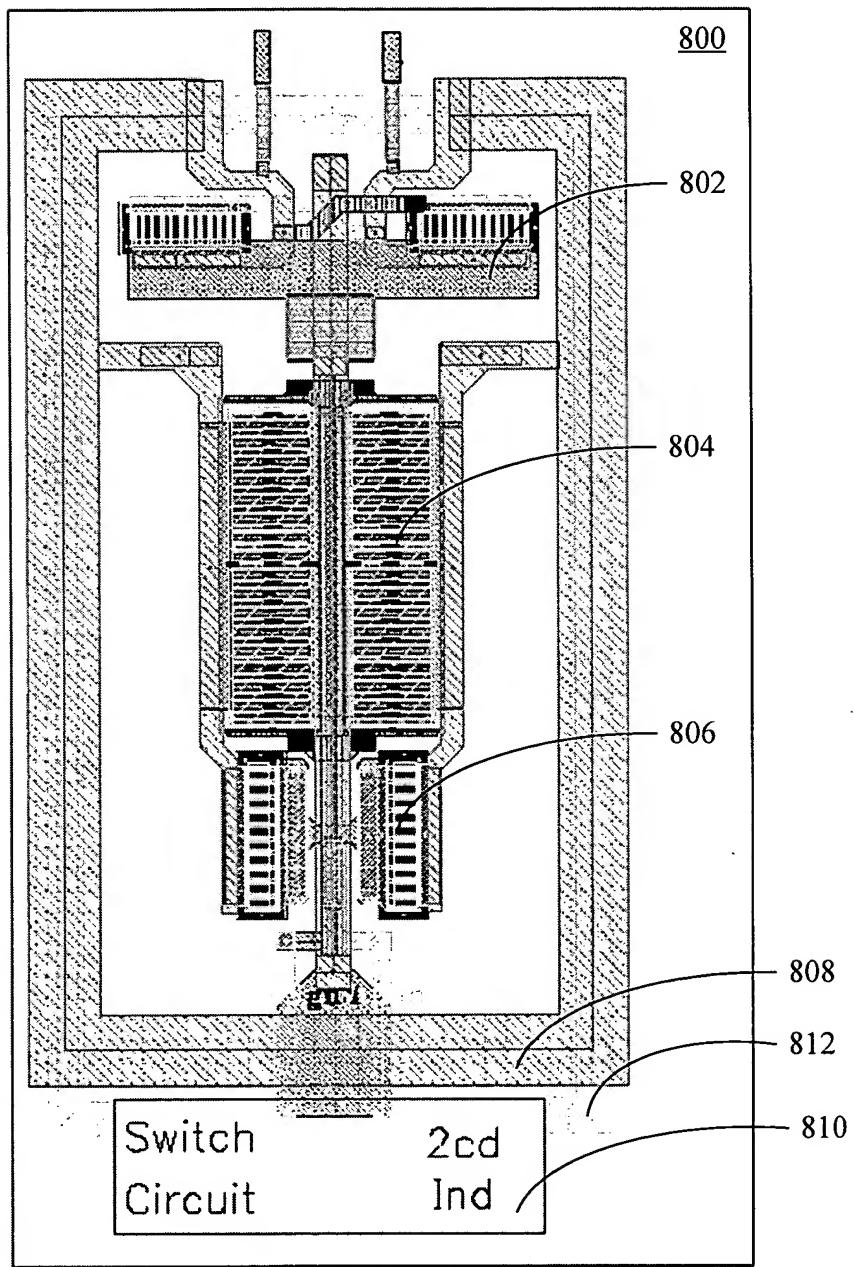


FIG. 8

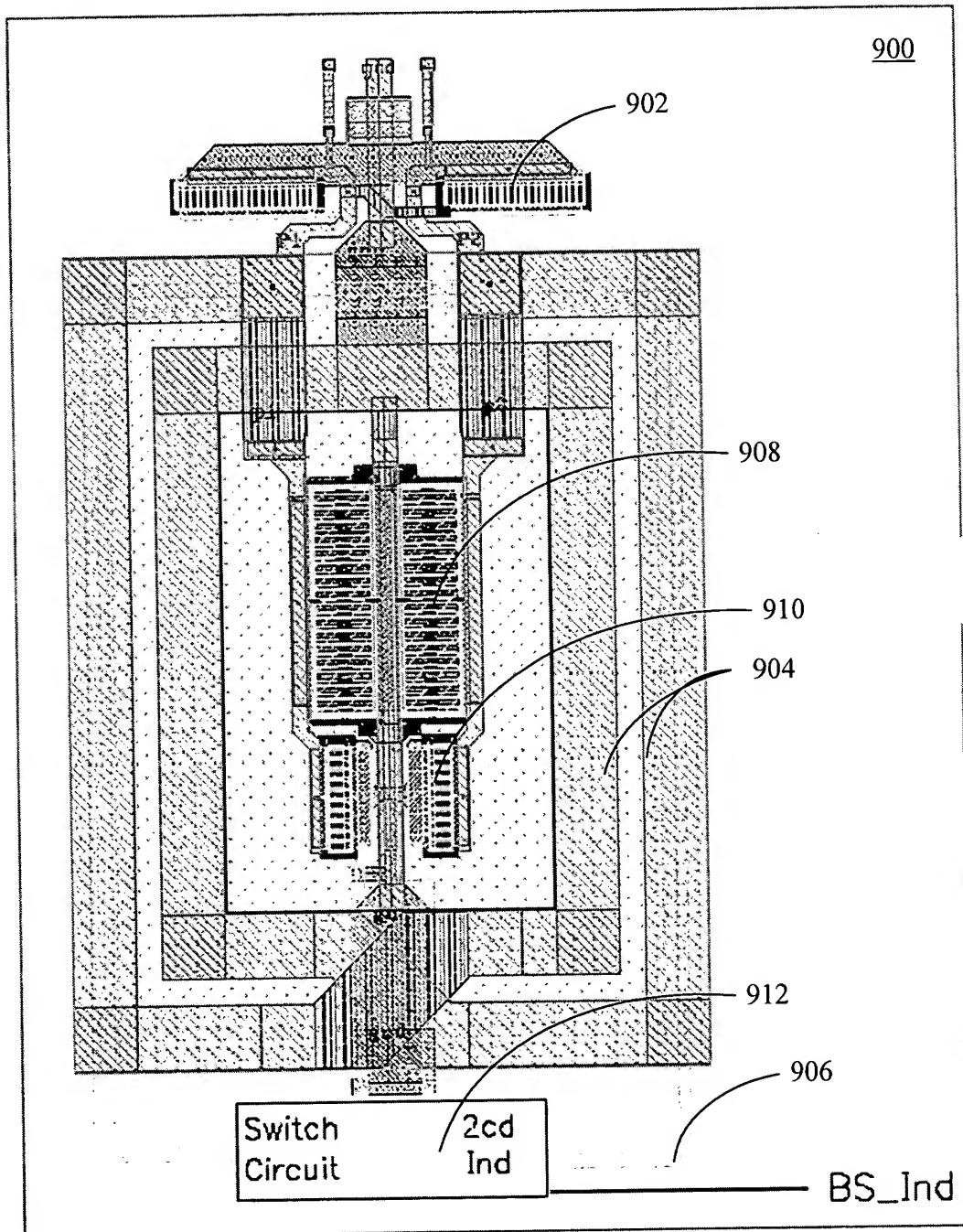


FIG. 9

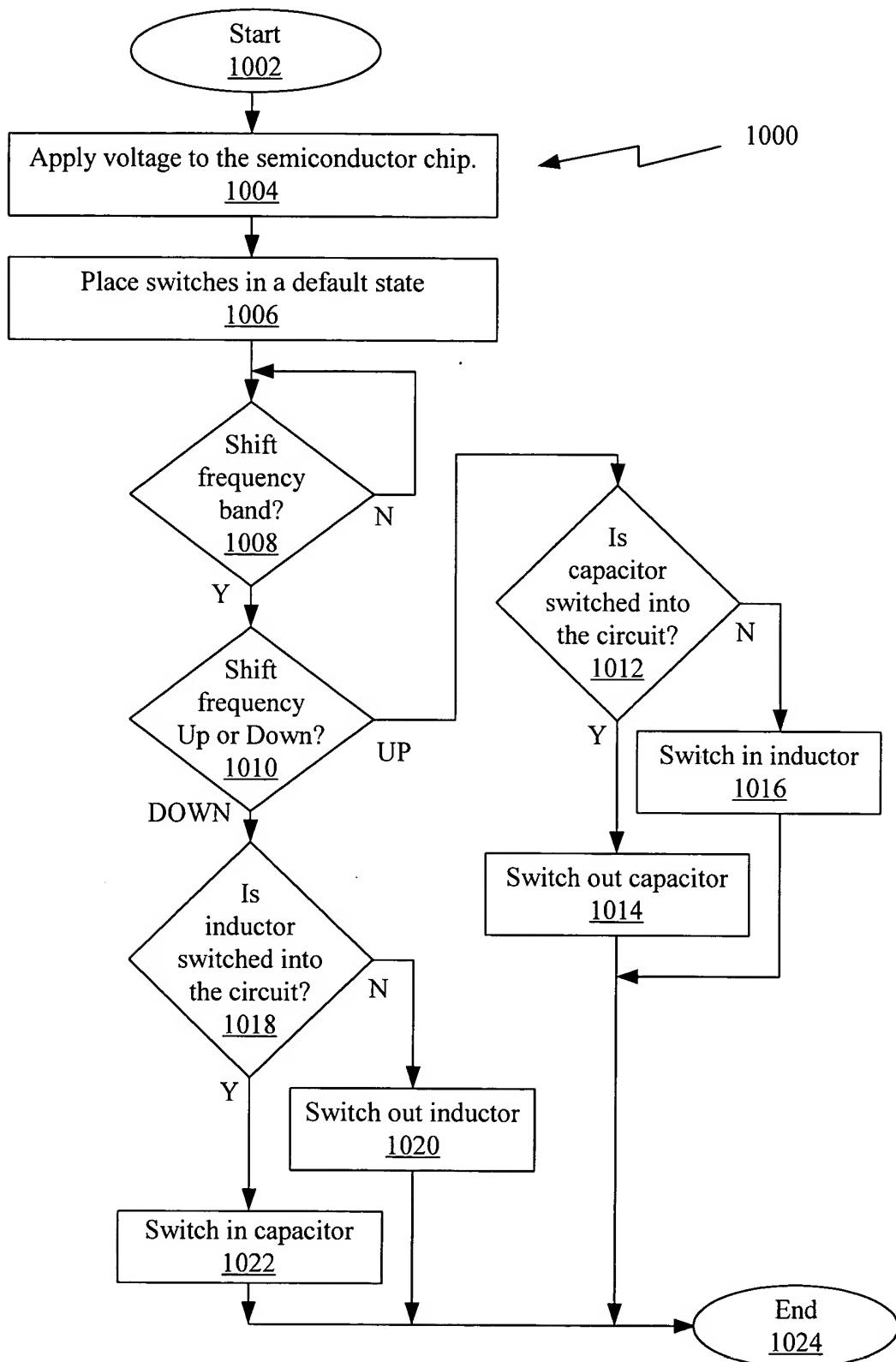


FIG. 10

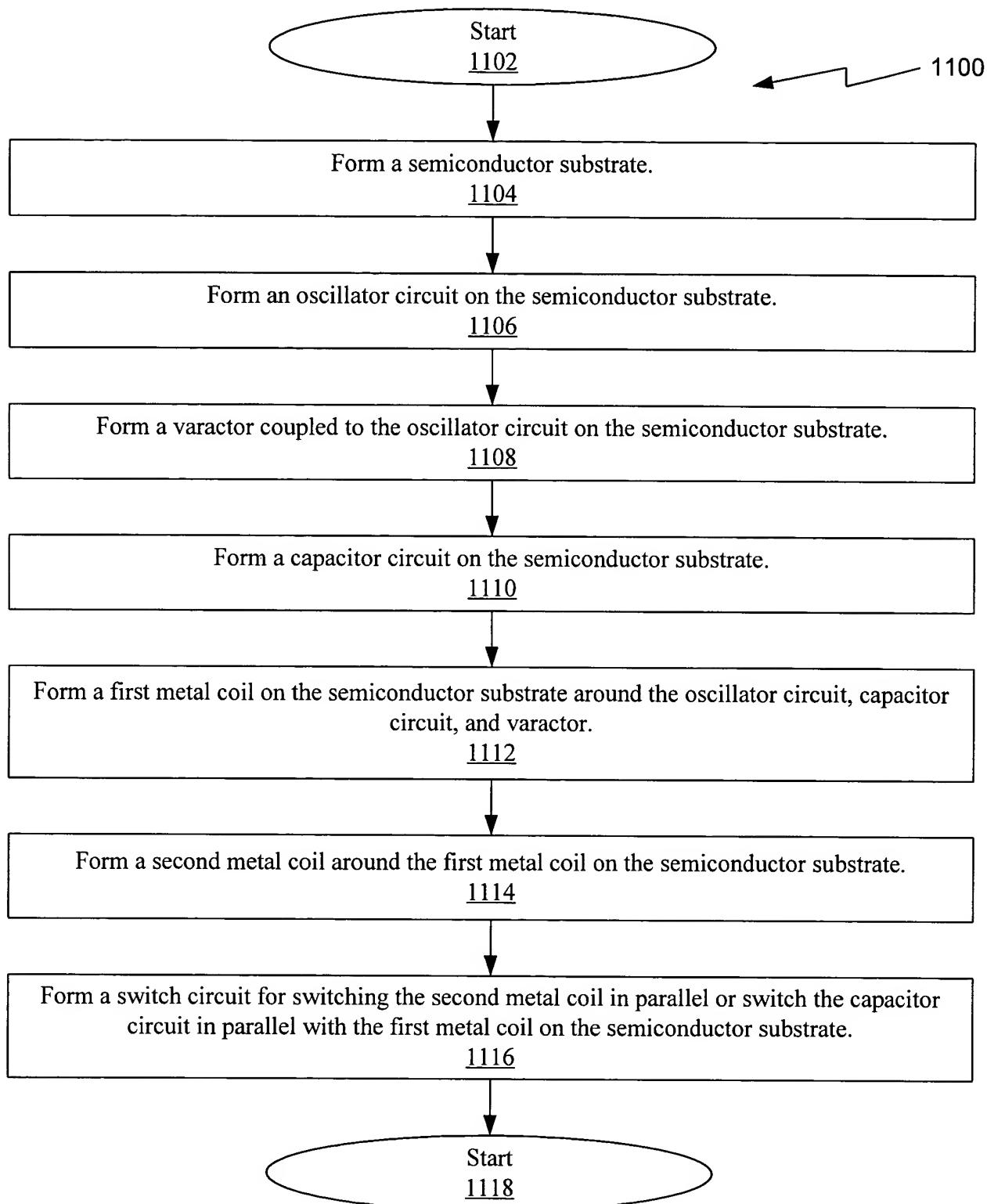


FIG. 11